

Linear Bushings

Single

= For customers using industry standard products =

The part enclosed in the red frame is as per industry standard specifications (Outer cylinder SUJ2 equivalent, Retainer resin). Consider these specifications while selecting the product.

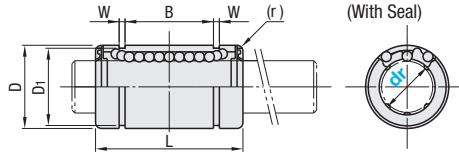
Features: The most popular Linear Bushing style.

Industry Standard



RoHS 10

Type	Outer Cylinder			Balls	Retainer Material	Ambient Operating Temp.	Accessory
	Material	Hardness	Surface Treatment				
LMU-N	SUJ2 Equivalent	58HRC~	-	SUJ2 Equivalent	Plastic (Duracon M90 Equivalent)	-20~ 80°C	Seal Material Nitrile Rubber (-20~120°C)
LMU					Stainless Steel (SUS)		
LMUF-N					Stainless Steel (SUS)		
LMUF				SUS440C Equivalent	Plastic (Duracon M90 Equivalent)		
LMUR					Stainless Steel (SUS)		
LMUM					Plastic (Duracon M90 Equivalent)		
LMUMF	SUS440C Equivalent	56HRC~	-	-	Stainless Steel (SUS)	-20~ 80°C	
SLMU					Stainless Steel (SUS)		
SLMUS							



Part Number	D Tolerance			L Tolerance	B Tolerance	W	D1	(r)	Eccentricity (Max.)	Rows of Balls	Basic Load Rating		Mass (g)	
	Type	dr	Tolerance								No Surface Treatment	Surface Treatment		C (Dynamic) N
LMU-N (No Seal)	3	0	7	10	-	-	-	0.3	0.008	4	69	105	1.4	
	4	-0.008	8	12	-	-	-	0.4			88	127	2.0	
5		10	15	8	11.3	1.1	9.6	0.12	167		206	4.0		
LMU-N (No Seal)	6	0	12	19	11.3	1.1	11.5	0.4	0.012		4	206	265	8.5
	8		15	24	15.3	1.3	14.3	0.8				265	380	17
10	-0.009	19	29	19.4	20.4	1.6	18	0.15				372	549	31
12		21	30	20.4	23.3	1.85	20	0.20		412		598	41	
13		23	32	27.3	27.3	2.1	22	0.15		510		784	46	
16		28	37	42	37.3	2.6	27	0.20		775		1180	73	
20	0	32	42	59	40.8	2.1	30.5	0.15	882	1370	98			
25	-0.010	40	64	64	45.3	2.1	38	0.15	980	1570	236			
30		45	70	70	48.8	2.6	43	0.20	1570	2740	262			
LMU LMUM	35	0	52	80	56.3	2.6	49	0.20	1670	3140	425			
	40	-0.012	60	80	56.3	2.6	57	0.20	2160	4020	654			
	50		80	100	68.8	2.6	76.5	0.20	3820	7940	1700			

kgf=Nx0.101972

- For Precautions for Use, see P.303.
- For LMU-N and LMUF-N, dr=3/4.
- Products with dr=3, 4 are without seal. No-Seal Type has lower sliding resistance (0.4~1.2N). Separate dust-proofing measures are necessary to keep the dust entering into sliding parts.
- For Low Temperature Black Chrome Plating, see P.304.
- Spacers and Stoppers for linear bushings can be selected from P.330.

dr	Unit Price									
	LMU-N	LMU	LMUF-N	LMUF	LMUR	LMUM	LMUMF	SLMU	SLMUS	
3	-									
4	-									
5										
6										
8										
10										
12										
13										
16										
20										
25										
30										
35	-									
40	-									
50	-									



Ordering Example

Part Number

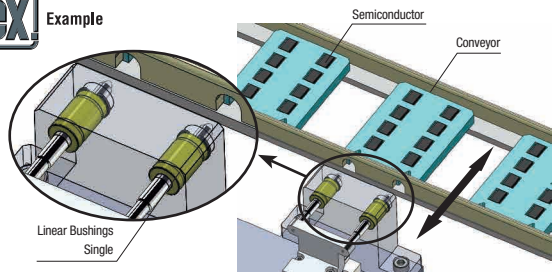
- LMU20 (No Seal)
- LMU-N20 (Low Temperature Black Chrome Plating)
- LMUR20 (L Type Greased)
- LMUR20G (G Type Greased)
- LMUR20H (H Type Greased)

Alternative grease types available.

For Days to Ship, Price and Performance, see P.304.



Example



▲ Semiconductor conveyor tray locating mechanism